AUTODOC CLUB

How to change fuel filter on **MERCEDES-BENZ A-Class (W169)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
MERCEDES-BENZ A-Class (W169) A 200 CDI (169.308, 169.008), MERCEDES-BENZ A-Class (W169) A 160 CDI (169.006, 169.306), MERCEDES-BENZ A-Class (W169) A 180 CDI (169.007, 169.307), MERCEDES-BENZ A-Class (W169) A 200 CDI (169.008, 169.308)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ E-Class Saloon (W211) E 270 CDI (211.016)

REPLACEMENT: FUEL FILTER – MERCEDES-BENZ A-CLASS (W169). LIST OF THE TOOLS YOU'LL NEED:



- All-purpose cleaning spray
- Torx bit T25
- Drive socket # 5.5
- Drive socket # 7
- Drive socket # 10
- HEX bit No.H5
- Ratchet wrench
- Round-nose pliers
- Bulb hand fuel pump
- Fender cover

Buy tools

Replacement: fuel filter – MERCEDES-BENZ A-Class (W169). AUTODOC experts recommend:

- Ensure adequate ventilation of the workplace. Fuel vapors are poisonous.
- Please note: all work on the car – MERCEDES-BENZ A-Class (W169) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1. Open the hood.

2. Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3. Unscrew the engine cover fastener. Use Torx T25. Use a ratchet wrench.

4. Unscrew the fasteners of the back section of the engine cover. Use a drive socket #10. Use a ratchet wrench.



5. Remove the back section of the engine cover.



AUTODOC recommends:

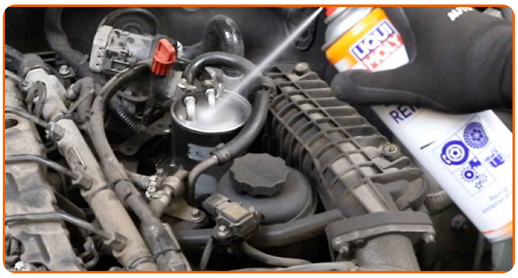
- Replacement: fuel filter – MERCEDES-BENZ A-Class (W169). Do not use excessive force when removing the part as this may damage it.

6 Remove the engine cover.

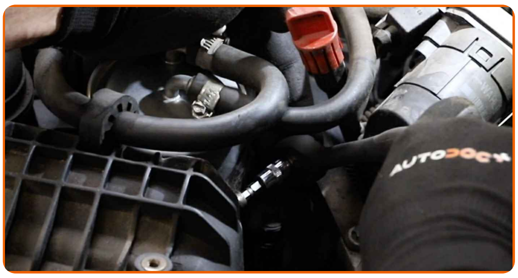
AUTODOC recommends:

- Replacement: fuel filter – MERCEDES-BENZ A-Class (W169). To avoid damaging the part when removing it, do not use excessive force.

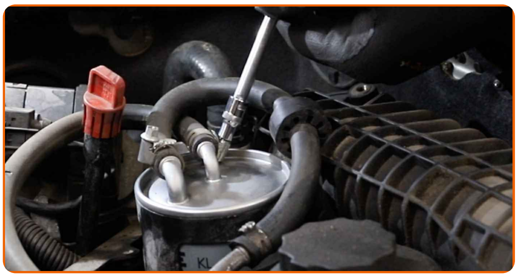
7 Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.



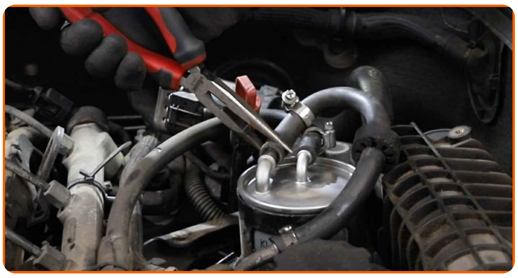
8 Loosen the fuel filter mounting. Use HEX No.H5. Use a ratchet wrench.



9 Loosen the fastening clamps of the fuel filter pipes. Use a drive socket #5.5. Use a drive socket #7. Use a ratchet wrench.



10 Detach the tubes from the fuel filter. Use round-nose pliers.



Replacement: fuel filter – MERCEDES-BENZ A-Class (W169). Tip:

- Be careful! Fuel may leak from the filter housing and hoses.

11 Remove the fuel filter.



12

Install a new fuel filter.

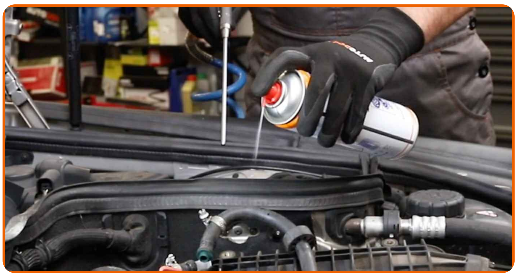


Replacement: fuel filter – MERCEDES-BENZ A-Class (W169). Tip from AUTODOC:

- Make sure that the fuel filter is positioned correctly. Consider the fuel flow direction mark.
- During installation, take care to prevent dust and dirt from getting into the fuel filter housing.
- MERCEDES-BENZ A-Class (W169) – It's important to only use high-quality filters.

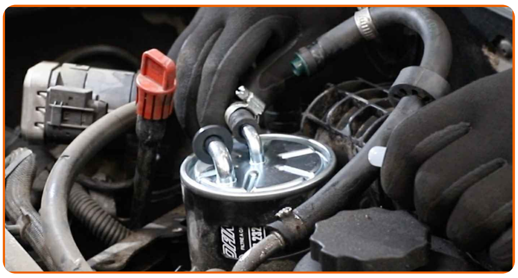
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Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.

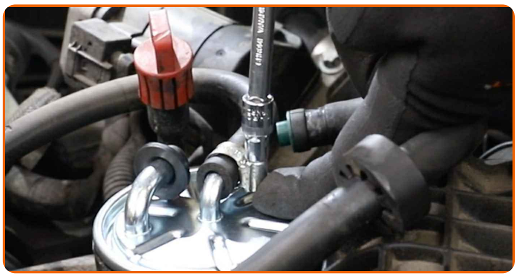


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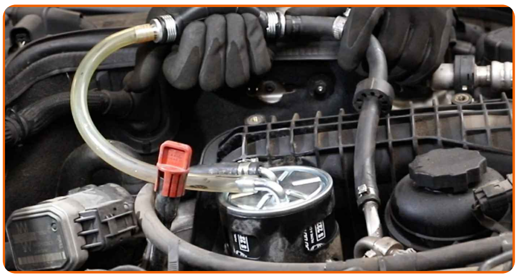
Attach the pipe to the fuel filter.



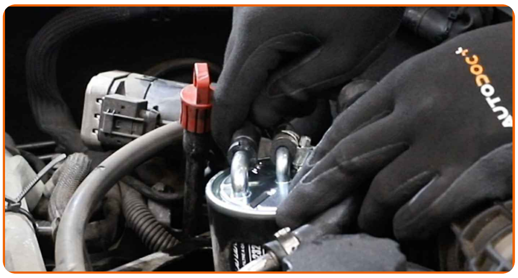
15 Tighten the fastening clamp of the fuel filter pipe. Use a drive socket #5.5. Use a ratchet wrench.



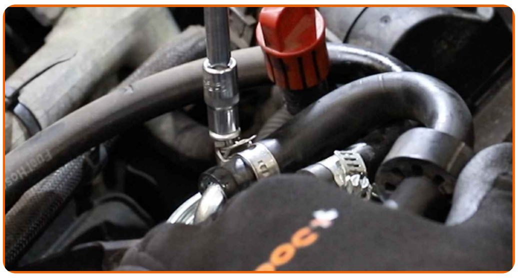
16 Press the fuel primer pump several times until it gets hard. Use a bulb hand fuel pump.



17 Attach the pipe to the fuel filter.



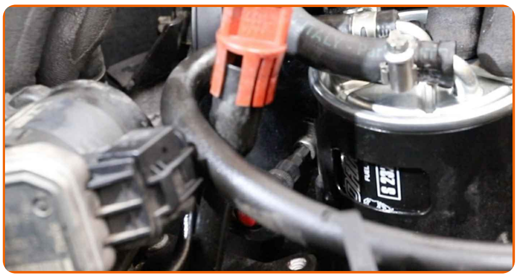
18 Tighten the fastening clamp of the fuel filter pipe. Use a drive socket #7. Use a ratchet wrench.



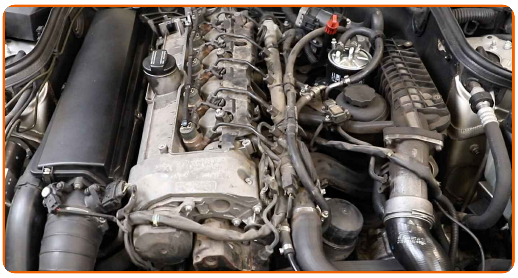
19 Clean the fuel filter housing and the cover. Use all-purpose cleaning spray.



20 Screw in the fuel filter mounting bracket. Use HEX No.H5. Use a ratchet wrench.



21 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



22 Shut off the engine.

23 Install the engine cover and secure it.

AUTODOC recommends:

- Replacement: fuel filter – MERCEDES-BENZ A-Class (W169). Do not use excessive force during installation. This may damage the part.

24 Screw in the engine cover fasteners. Use Torx T25. Use a ratchet wrench.

25 Put the back section of the engine cover back in place.



AUTODOC recommends:

- Replacement: fuel filter – MERCEDES-BENZ A-Class (W169). To avoid damaging the part during installation, do not use excessive force.

26 Screw in the fasteners of the back section of the engine cover. Use a drive socket #10. Use a ratchet wrench.



27 Remove the fender protection cover.

28 Close the hood.

WELL DONE!

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